

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/766,922
Filing Date	January 22, 2001
First Named Inventor	Robert M. HUSSEY et al.
Group Art Unit	2626
Examiner Name	Jerome Grant II
Attorney Docket Number	283-280

Total Number of Pages in This Submission

10

Technology Center 2600

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement   <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosures (please identify below):  Transmittal Form PTO/SB/21 (1 p.); Fee Transmittal Form for FY 2005 (1 p.) with one (1) check in the amount of \$180.00; Information Disclosure Statement Under 37 CFR 1.97 and 1.98 (2 pp.) with Forms PTO/SB/08A and PTO/SB/08B (4 pp.) and References AA-CZ; Return Mailroom Postcard; and Certificate of First Class Mailing.
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account No. 50-0289.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Wall Marjama & Bilinski LLP George S. Blasiak	Reg. No. 37,283
Signature	<i>George S. Blasiak</i>	
Date	October 8, 2004	

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: October 8, 2004		
Typed or printed name	Sarah A. Lockwood	
Signature	<i>Sarah A. Lockwood</i>	Date October 8, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/04. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 180.00

## Complete if Known

Application Number 09/766,922

Filing Date January 22, 2001

First Named Inventor Robert M. HUSSEY et al.

Examiner Name Jerome Grant II

Group Art Unit 2626

Attorney Docket No. 283-280

OCT 18 2004

Technology Center 2600

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:
Deposit  
Account  
Number

50-0289

Deposit  
Account  
Name

Wall Marjama &amp; Bilinski LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1001	790	2001	395	Utility filing fee
1002	350	2002	175	Design filing fee
1003	550	2003	275	Plant filing fee
1004	790	2004	395	Reissue filing fee
1005	160	2005	80	Provisional filing fee

SUBTOTAL (1)

(\$0.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fees from below	Fee Paid
	20** =			
Independent Claims	3* =			
Multiple Dependent				

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$0.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	\$180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$180.00)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)

George S. Blasiak

Registration No.  
(Attorney/Agent)

37,283

Telephone

(315) 425-9000

Signature

George S. Blasiak

Date

October 8, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) a n application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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WALL MARJAMA & BLINSKI LLP

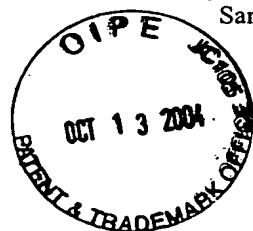
By:

Sarah A. Lockwood

PATENT  
Attorney Docket No.: 283\_280

OCT 18 2004

Technology Center 2600



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert M. HUSSEY et al.

Application No.: 09/766,922

Filed: January 22, 2001

For: OPTICAL READER HAVING  
REDUCED PARAMETER  
DETERMINATION DELAY

Examiner: Jerome Grant II

Art Unit: 2626

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached the forms PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the cited references are enclosed.

The above information is presented so that the U.S. Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. §1.104(a) and §1.105 concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

As provided for by 37 C.F.R. §1.97(h), no inference should be made that the information and references cited are material to patentability. Also, no inference should be made that

10/15/2004 SSANDARA 00000002 09766922

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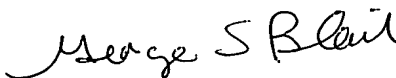
180.00 0P

Application No.: 09/766,922  
Page 2

a reference is prior art merely because it is included in this statement. Under 37 C.F.R. §1.97(g), the submission of an Information Disclosure Statement should not be considered as representation that a search has been made.

Applicants believe that a fee of \$180.00 is required for submission of this statement. Enclosed is a check in the amount of \$180.00. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

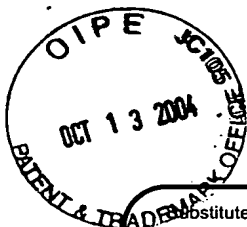


George S. Blasiak  
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Date: October 8, 2004

GSB/sal



PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	09/766,922
Filing Date	January 22, 2001
First Named Inventor	Robert M. HUSSEY et al.
Art Unit	2626
Examiner Name	Jerome Grant II
Attorney Docket Number	283-280

**RECEIVED****OCT 18 2004****Technology Center 2600****U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	3,582,884	06/08/1971	Shepard	
	AB	3,663,762	05/16/1972	Joel, Jr.	
	AC	3,684,868	08/15/1972	Christie et al.	
	AD	3,723,970	03/27/1973	Stoller	
	AE	3,906,166	09/16/1975	Cooper et al.	
	AF	4,004,237	01/18/1977	Kratzer	
	AG	4,041,391	08/09/1977	Deerkoski	
	AH	4,097,847	06/27/1978	Forsen et al.	
	AI	4,114,155	09/12/1978	Raab	
	AJ	4,164,628	08/14/1979	Ward et al.	
	AK	4,291,410	09/22/1981	Caples et al.	
	AL	4,435,822	03/06/1984	Spencer et al.	
	AM	4,445,118	04/24/1984	Taylor et al.	
	AN	4,542,528	09/17/1985	Sanner et al.	
	AO	4,561,089	12/24/1985	Rouse et al.	
	AP	4,628,532	12/09/1986	Stone et al.	
	AQ	4,636,624	01/13/1987	Ishida et al.	
	AR	4,639,932	01/27/1987	Schiff	
	AS	4,644,523	02/17/1987	Horwitz	
	AT	4,646,353	02/24/1987	Tenge et al.	
	AU	4,653,076	03/24/1987	Jerrim et al.	
	AV	4,686,363	08/11/1987	Schoon	
	AW	4,690,530	09/01/1987	Fujino et al.	
	AX	4,710,817	12/01/1987	Ando	
	AY	4,785,463	11/15/1988	Janc et al.	
	AZ	4,791,446	12/13/1988	Ishida et al.	
	BA	4,807,256	02/21/1989	Holmes et al.	
	BB	4,841,544	06/20/1989	Nuytkens	
	BC	4,901,073	02/13/1990	Kibrick	
	BD	4,908,500	03/13/1990	Baumberger	
	BE	5,113,445	05/12/1992	Wang	

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 4

**Complete if Known**

Application Number	09/766,922
Filing Date	January 22, 2001
First Named Inventor	Robert M. HUSSEY et al.
Art Unit	2626
Examiner Name	Jerome Grant
Attorney Docket Number	283-280

OCT 18 2004  
Technology Center 2600**U.S. PATENT DOCUMENTS**

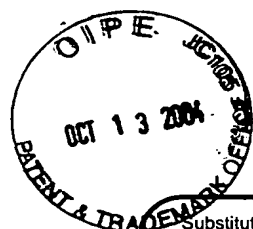
Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	BF	5,138,140	08/11/1992	Siemiatkowski et al.	
	BG	5,212,777	05/18/1993	Gove et al.	
	BH	5,245,695	09/14/1993	Basehore	
	BI	5,304,787	04/19/1994	Wang	
	BJ	5,343,028	08/30/1994	Figarella et al.	
	BK	5,345,266	09/06/1994	Denyer	
	BL	5,378,883	01/03/1995	Batterman et al.	
	BM	5,392,447	02/21/1995	Schlack et al.	
	BN	5,401,949	03/28/1995	Ziemack et al.	
	BO	5,414,251	05/09/1995	Durbin	
	BP	5,461,425	10/24/1995	Fowler et al.	
	BQ	5,471,515	11/28/1995	Fossum et al.	
	BR	5,471,592	11/28/1995	Gove et al.	
	BS	5,477,042	12/19/1995	Wang	
	BT	5,478,997	12/26/1995	Bridgelall et al.	
	BU	5,521,366	05/28/1996	Wang et al.	
	BV	5,524,068	06/04/1996	Kacandes et al.	
	BW	5,572,006	11/05/1996	Wang et al.	
	BX	5,585,616	12/17/1996	Roxby et al.	
	BY	5,621,203	04/15/1997	Swartz et al.	
	BZ	5,665,959	09/09/1997	Fossum et al.	
	CA	5,668,803	09/16/1997	Tymes et al.	
	CB	5,672,858	09/30/1997	Li et al.	
	CC	5,703,349	12/30/1997	Meyerson et al.	
	CD	5,739,518	04/14/1998	Wang	
	CE	5,773,806	06/30/1998	Longacre, Jr.	
	CF	5,814,803	09/29/1998	Olmstead et al.	
	CG	5,831,674	11/03/1998	Ju et al.	
	CH	5,841,126	11/24/1998	Fossum et al.	
	CI	5,900,613	05/04/1999	Koziol et al.	
	CJ	5,932,862	08/03/1999	Hussey et al.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet

3

of

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Examiner Name	Jerome Grant II
Attorney Docket Number	283-280

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**U.S. PATENT DOCUMENTS**

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Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	CK	6,123,264	09/26/2000	Li et al.	
	CL	6,155,488	12/05/2000	Olmstead et al.	
	CM	6,398,112 B1	06/04/2002	Li et al.	
	CN	2002/0135683 A1	09/26/2002	Tamama et al.	
	CO	6,462,842 B1	10/08/2002	Hamilton	
	CP	Pending U.S. Patent Application No. 10/651,298 (Attorney Docket No. 283-269 CIP)	Filed: 08/28/2003	Barber et al.	
	CQ	6,637,658 B2 U.S. Publication No. 2003/0062418 A1	Published: 04/03/2003 Patented: 10/28/2003	Barber et al.	Office Action-August 22, 2002 (Attached); Office Action-January 24, 2003 (Attached); Office Action-May 6, 2003 (Attached); Issued Claims (see 6,637,358 Patent)
	CR	6,665,012 B1	12/16/2003	Yang et al.	

**FOREIGN PATENT DOCUMENTS**

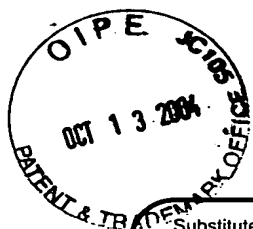
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	CS	EP	0 449 634	A2	10/02/1991	OMNIPLANAR, INC.		<input type="checkbox"/>
	CT	WO	93/14458		07/22/1993	EASTMAN KODAK COMPANY		<input type="checkbox"/>
	CU	WO	93/17397		09/02/1993	Roustaei		<input type="checkbox"/>
	CV	WO	95/32580		11/30/1995	POLAROID CORPORATION		<input type="checkbox"/>
	CW	JP	2000- 192317	A	03/31/2000	FUJI PHOTO FILM CO., LTD.	w/Abstract	<input type="checkbox"/>

Examiner  
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STATEMENT BY APPLICANT**

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Sheet 4 of 4

**Complete if Known**

Application Number	09/766,922
Filing Date	January 2001
First Named Inventor	Robert M. HUSSEY et al.
Art Unit	2626
Examiner Name	Jerome Grant II
Attorney Docket Number	283-28 Technology Center 2600

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CX	JAKL, Edward A., "Why CMOS Image Sensors are Poised to Surpass CCDs," International IC '99, Conference Proceedings, pp. 64-71.	
	CY	TIAN, Hui et al., "Analysis of 1/f Noise in Switched MOSFET Circuits," Information Systems Laboratory, Electrical Engineering Department, Stanford University, Stanford, California 94305, 21 pp.	
	CZ	EL GAMAL, Professor A., Lecture Notes 1, 2, 4, 5, 6, 7, 10 and Handout #3 and #28, "Image Sensors and Digital Cameras" for EE 392B, Spring 2001.	

Examiner Signature		Date Considered	
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